

Storm Data and Unusual Weather Phenomena - August 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
IOWA, Northeast				
FAYETTE COUNTY --- 1.2 NW HAWKEYE [42.94, -91.95]				
	08/23/11 03:30 CST		2K	Thunderstorm Wind (EG 50 kt)
	08/23/11 03:30 CST		0	Source: Post Office
A couple of power lines were blown down in Hawkeye.				
FAYETTE COUNTY --- 0.9 SW WEST UNION [42.96, -91.81]				
	08/23/11 03:35 CST		0.20K	Thunderstorm Wind (EG 50 kt)
	08/23/11 03:35 CST		0	Source: Post Office
A large tree was blown down in West Union.				
FAYETTE COUNTY --- 0.9 NW WADENA [42.84, -91.66]				
	08/23/11 07:30 CST		2.50K	Thunderstorm Wind (EG 50 kt)
	08/23/11 07:30 CST	6	50K	Source: Trained Spotter
Numerous trees were blown down or uprooted in Wadena. Some of the trees went down on power lines. A two inch diameter flag pole was bent over and some cornfields were flattened. The high winds caused a school bus to slip off the road south of West Union with some of the students on board receiving a few bumps and bruises.				
FAYETTE COUNTY --- 0.4 ENE FAYETTE [42.83, -91.79], 0.9 W FAYETTE [42.83, -91.82], 1.6 NW FAYETTE [42.85, -91.82], 1.4 NNE FAYETTE [42.85, -91.79]				
	08/23/11 07:45 CST		0	Flood (due to Heavy Rain)
	08/23/11 08:45 CST		0	Source: Public
Water six to eight inches deep covered some streets in Fayette. The thunderstorms dumped 2.76 inches of rain in a very short time to produce the flooding.				
A complex of thunderstorms developed over eastern South Dakota during the evening of August 22nd. These storms moved across the northern sections of Iowa during the overnight hours and produced damaging winds across portions of northeast Iowa during the pre-dawn hours of August 23rd. A second complex of thunderstorms, that had earlier developed over North Dakota, brought a second round of damaging winds to the region after sunrise.				
MINNESOTA, Southeast				
DODGE COUNTY --- 1.7 NE HAYFIELD [43.90, -92.85]				
	08/23/11 02:20 CST		0	Hail (1.00 in)
	08/23/11 02:20 CST		0	Source: Public
OLMSTED COUNTY --- ROCHESTER [44.03, -92.47]				
	08/23/11 02:32 CST		1K	Lightning
	08/23/11 02:32 CST		0	Source: Broadcast Media
Lightning struck a tree causing it to split apart and fall onto the side of a nearby house.				
WINONA COUNTY --- 1.0 E ST CHARLES [43.97, -92.06]				
	08/23/11 03:05 CST		1K	Thunderstorm Wind (EG 50 kt)
	08/23/11 03:05 CST		0	Source: Public
A couple of trees were blown down in St. Charles.				
HOUSTON COUNTY --- 1.1 ENE FREEBURG [43.63, -91.35]				
	08/23/11 04:00 CST		10K	Lightning
	08/23/11 06:00 CST		0	Source: Broadcast Media
Lightning struck a satellite dish on the top of house and traveled through wires into the attic igniting a fire. The fire damaged one room in the house and the garage.				

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A complex of thunderstorms developed over eastern South Dakota during the evening of August 22nd. These storms moved across the southern sections of Minnesota during the overnight hours and produced damaging winds across portions of southeast Minnesota during the pre-dawn hours of August 23rd.

WISCONSIN, Southwest

TREMPEALEAU COUNTY --- 1.0 ESE PIGEON FALLS [44.43, -91.20]

08/01/11 19:45 CST	1.20M	Lightning
08/02/11 01:00 CST	0	Source: Newspaper

Lightning struck a one hundred thirty-nine year old church and caused a fire. Firefighters from 3 communities battled the fire for several hours. Major damage occurred to the roof and steeple but falling debris and water damaged the exposed interior. The building was later declared a total loss with estimates of \$1.2 million to replace it.

Lightning from thunderstorms along a cold front struck a one hundred thirty-nine year old church in Pigeon Falls (Trempealeau County) and caused a fire. The church suffered major damage with the fire destroying much of the roof and steeple while falling debris and water damaged the interior. The church was later declared a total loss with estimates to replace the building at \$1.2 million. Firefighters from three communities battled the blaze for several hours.

TAYLOR COUNTY --- 2.3 NNW RIB LAKE [45.35, -90.22]

08/02/11 03:30 CST	0	Heavy Rain
08/02/11 08:00 CST	0	Source: COOP Observer

A cooperative observer measured four inches of rain that fell in a 4 to 5 hour stretch.

TAYLOR COUNTY --- 5.5 NE RIB LAKE [45.38, -90.12], 8.6 W WESTBORO [45.37, -90.48], 6.2 W MEDFORD [45.12, -90.48], 3.7 SW GOODRICH [45.13, -90.12]

08/02/11 06:00 CST	0	Flood (due to Heavy Rain)
08/02/11 10:00 CST	0	Source: Law Enforcement

Heavy rain caused water to go over County Road M in the township of Chelsea, created minor street flooding in Medford and filled ditches with water north of Medford. 2.90 inches of rain was reported in the city of Chelsea.

A low pressure system pushed into north central Wisconsin during the morning hours of August 2nd. Thunderstorms developed along and ahead of the low pressure system and produced very heavy rainfall. The heavy rain filled ditches north of Medford (Taylor County) and a cooperative observer measured 4.00 inches of rainfall near Westboro (Taylor County).

GRANT COUNTY --- 2.1 NNW FIVE PTS [42.85, -90.81]

08/20/11 05:12 CST	0	Hail (1.00 in)
08/20/11 05:12 CST	0	Source: Public

A small complex of thunderstorms developed across southwest Wisconsin shortly after a cold front moved across the region. These storms intensified long enough to produce quarter sized hail near Lancaster (Grant County).

LA CROSSE COUNTY --- 1.7 ESE LA CROSSE [43.79, -91.22]

08/23/11 04:15 CST	5K	Lightning
08/23/11 05:00 CST	0	Source: Newspaper

A homeowner sustained minor injuries after lightning sparked a small garage fire. The nearby house only sustained minor smoke and water damage.

VERNON COUNTY --- WESTBY [43.65, -90.85]

08/23/11 04:35 CST	2K	Lightning
08/23/11 04:35 CST	0	Source: Newspaper

Lightning from an early morning thundestorm struck a house in Westby causing the brick chimney to explode.

A city of La Crosse (La Crosse County) homeowner sustained a minor injury from a small garage fire that was started by a lightning strike. Another lightning strike occurred in Westby (Vernon County) destroying a brick chimney. The lightning occurred with thunderstorms that moved into western Wisconsin around sunrise on August 23rd.

CLARK COUNTY --- 0.7 S THORP [44.96, -90.80]

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	08/23/11 15:17 CST		0	Hail (1.75 in)
	08/23/11 15:17 CST		0	Source: Trained Spotter
Up to golf ball sized hail fell in Thorp.				
CLARK COUNTY --- 1.5 W RESEBURG [44.92, -90.80]				
	08/23/11 15:19 CST		0	Hail (1.00 in)
	08/23/11 15:19 CST		0	Source: Law Enforcement
CLARK COUNTY --- 0.7 N LOYAL [44.74, -90.50]				
	08/23/11 15:55 CST		0	Hail (1.00 in)
	08/23/11 15:55 CST		0	Source: Public
CLARK COUNTY --- 3.0 SW SPOKEVILLE [44.69, -90.47], 3.1 NNE CHILI [44.67, -90.32]				
	08/23/11 16:05 CST		1.40M	Tornado (EF2, L: 7.61 mi , W: 200 yd)
	08/23/11 16:30 CST	2	90.70K	Source: NWS Storm Survey
Two people were directly injured and there was an indirect loss of life from an EF2 tornado that tracked across the east central sections of Clark County near Chili. The death occurred when an oxygen machine stopped working due to a power outage caused by the tornado. The tornado was on the ground for just over 7 miles and destroyed four homes, damaged at least 19 others, destroyed four barns and 15 outbuildings with numerous other farm buildings damaged. One farmer lost several specialty birds including 12 peacocks and 16 guinea hens. Around 1500 residents across Clark County were without power after the storms moved through. Damages from the tornado are estimated to be around \$1.5 million.				
CLARK COUNTY --- 0.9 SE NEILLSVILLE [44.56, -90.59]				
	08/23/11 16:39 CST		0	Hail (1.25 in)
	08/23/11 16:39 CST		0	Source: Trained Spotter

Half dollar sized hail fell in Neillsville.

Two people were directly injured and an indirect death occurred from an EF2 tornado near Chili (Clark County) during the late afternoon of August 23rd. The death occurred when an oxygen machine stopped working due to a power outage caused by the tornado. The tornado destroyed four homes, damaged close to 20 others and destroyed numerous farm buildings. Damages from the tornado are estimated to be around \$1.5 million.